

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 618

DATE: JANUARY 1, 2019

PROJECT DP0183

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions Modified:	B64D	11/0015, 11/06, 11/0604, 11/0605, 11/0606, 11/0607, 11/0611, 11/0612, 11/0616, 11/0619, 11/062, 11/06205, 11/0624, 11/0626, 11/0627, 11/0636, 11/0639, 11/06395, 11/064, 11/0642, 11/0643, 11/0644, 11/0646, 11/0647, 11/0648, 11/0649, 11/0691, 11/0693, 11/0696, 11/0697, 11/0698

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

2. A. DEFINITIONS (modified)

B64D 11/0015

Definition statement

This place covers:

Delete: The following two existing statements:

Aircraft cabin layouts for amusement or media
Displays of navigation data using TV screens

Insert: The following three statements:

Aircraft cabin layouts characterised by arrangements of components for amusement or media, e.g. arrangements of monitors, speakers or control means therefor

Arrangements of communication means for cabin crew or passenger use

Display of navigation data on monitors for passenger information

References

Application-oriented references

Delete: The entire *Application-oriented references* section.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete: The following row from the *Informative references* table:

Accessories for chairs or seats, adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like

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Insert: The following four rows into the *Informative references* table:

Accessories for chairs, adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like	A47 C7/72
Arrangements or adaptations of other passenger fittings (of radio sets, television sets, telephones, stowing or holding appliances) in land-type vehicles	B60N 3/00
Furniture for vessels	B63B 29/04
Combined measuring instruments indicating more than one navigational value, e.g. for aircraft	G01C 23/00

Insert: A new *Special rules of classification* section and the following paragraph.

Special rules of classification

Documents concerning only the data transfer between components of an aircraft cabin entertainment/communication system are attributed the symbol **B64D 11/0015** as additional information only.

B64D 11/06

Definition statement

This place covers:

Delete: The following existing statement:

Configuration of chairs, chair modifications, or particular chair structure for aeronautic passengers

Insert: The following paragraph in the *Definition statement*:

Arrangements, configurations or modifications of seats or chairs, or particular seat or chair structures for aeronautic passengers. For passengers only, unless otherwise stated (Seats specially adapted for

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pilots [B64D 11/0689](#) and Seats specially adapted for cabin crew [B64D 11/0691](#)).

Insert: The following new reference sections and tables:

References

Limiting references

This place does not cover:

Crew seat constructions for emergency purposes	B64D 25/04
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Chairs adapted for special (ground) purposes	A47 C1/00
Theatre, auditorium, or similar chairs	A47 C1/12
Vehicle seats	B60N 2/00
Arrangement or mounting of seats in vehicles	B60N 2/005
Vehicle seat accessories	B60N 3/00
Railway seats	B61D 33/00
Marine vessel seats	B63B 2029/043

Insert: The following new *Special rules of classification* section:

Special rules of classification

A document will be considered as disclosing an aircraft seat if:

- this use is explicitly mentioned,
- it is evident from the drawings that it is such a seat, or
- if the document originates from the aircraft industry or an airline.

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B64D 11/0604

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair unit combined with a generally horizontal surface for a reclining person and can include a canopy-type structure

- This subgroup includes additional and separate surfaces or pieces to form a bed

Insert: The following bullets in the *Definition statement*:

- Seat or chair units combined with a generally horizontal surface for a reclining person and can include a canopy-type structure substantially enclosing the occupant(s)
- Additional and separate surfaces or parts to form a bed

References

Delete: The entire *Application-oriented references* section and table:

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Aircraft passenger seats convertible to a bed	B64D 11/0641
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Insert: The following new *Informative references* section and table:

Informative references

Attention is drawn to the following places, which may be of interest for search:

Aircraft passenger seats convertible to a bed	B64D 11/0641
Crew member rest berths	B64D 2011/0076
Passenger bed units attached to the fuselage ceiling	B64D 2011/0084
Arrangements of stretchers in aircraft cabins	B64D 2011/0092

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B64D 11/0607

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with appliances for a person's conditioning, muscle development, or anticlotting

Insert: The following text in the *Definition statement*:

Seats or chairs combined with appliances for a person's conditioning, muscle development, or anticlotting

References

Delete: The entire *Application-oriented references* section and table:

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Hand held massaging devices	A61H 9/0021
Physical therapy devices for anti-thrombosis or anti-clotting	A61H 2209/00

Delete: The following two rows in the *Informative references* table:

Informative references

Attention is drawn to the following places, which may be of interest for search:

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Stools with exercising means or having special therapeutic or ergonomic effects	A47C 9/002
Massaging systems	B60N 2/976

Insert: The following two new rows and two updated rows in the *Informative references* table:

Informative references

Attention is drawn to the following places, which may be of interest for search:

Stools or chairs having exercising means or having special therapeutic or ergonomic effects	A47C 9/002
Pneumatic massage with intermittent or alternately inflated bladders or cuffs	A61H 9/0078
Physical therapy devices for anti-thrombosis or anti-clotting	A61H 2209/00
Vehicle seats with massaging systems	B60N 2/976

B64D 11/0616

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with a device to propel a passenger away from the chair

Insert: The following text in the *Definition statement*:

Seats combined with a device to propel a passenger away from the seat

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B64D 11/0619

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with a device or a design to dissipate deceleration

Insert: The following text in the *Definition statement*:

Seats or chairs combined with a device or special design to dissipate deceleration

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete: The following two rows from the *Informative references* table:

Seat modification for pilots	B64D 11/0689
Vehicle seat constructed to protect the occupant from the effect of abnormal g-forces	B60N 2/42

Insert: The following two rows into the *Informative references* table:

Seat modifications for pilots	B64D 25/04
Seat constructed to protect the occupant from the effect of abnormal g-forces	B60N 2/42

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B64D 11/062

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with a torso or limb encircling device or a device to hold a person in place

Insert: The following text in the *Definition statement*:

Seats or chairs combined with a torso or limb encircling device, or a device to hold an aircraft passenger in place

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Replace: The text “pilot” with “pilots” in the following row in the *Informative references* table:

Harnessing for pilot	B64D 25/06
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B64D 11/0626

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with personal heating, cooling, or air circulation

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Insert: The following text in the *Definition statement*:

Seats or chairs combined with personal heating, cooling, or air circulation means

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Delete: The following row from the *Informative references* table:

Heating or ventilating devices for vehicles	B60N 2/56
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Insert: The following two rows in the *Informative references* table:

Heating or ventilating devices for a vehicle	B60N 2/56
Cabin ventilation nozzles	B64D 2013/003

B64D 11/0627

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair combined with a cabinet or cabinet type structure

Insert: The following text in the *Definition statement*:

Seats or chairs combined with a cabinet or cabinet-type structure

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References

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Delete: The entire *Application-oriented references* section and table:

Stowage devices for passengers' personal luggage	B64D 11/003
Personal storage means (e. g. luggage, magazines, etc.) or waste disposal bags	B64D 11/0636

Informative references

Attention is drawn to the following places, which may be of interest for search:

Insert: The following two new rows into the *Informative references* section and table:

Stowage devices for passengers' personal luggage in aircraft	B64D 11/003
Personal storage means or waste disposal bags	B64D 11/0636

B64D 11/0636

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair storage for a passenger's carry-on belongings or garbage

Insert: The following text in the *Definition statement*:

Seats or chairs with storage means for a passenger's carry-on belongings or for garbage disposal

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References

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Delete: The entire *Application-oriented references* section and table:

Stowage devices for passengers' personal luggage	B64D 11/003
Seats combined with storage means	B64D 11/0627

Informative references

Attention is drawn to the following places, which may be of interest for search:

Insert: The following two new rows into the *Informative references* section and table:

Stowage devices for passengers' personal luggage in aircraft	B64D 11/003
Seats combined with cabinet-type storage means	B64D 11/0627

B64D 11/0642

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair with a repositionable support for a passenger's portion above the torso

Insert: The following text in the *Definition statement*:

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Seats or chairs with a repositionable support for a passenger's portion above the torso, including the neck and/or the head

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Replace: The text "headrests" with "head rest" in the following row in the *Informative references* table:

Chairs with headrests	A47C 7/46
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Replace: The text in the following row in the *Informative reference* table

Seats for vehicles with headrest	B60N 2/806
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with

Vehicle seat with movable or adjustable head rest	B60N 2/806
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B64D 11/0643

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair with a repositionable support for a passenger's lower body

Insert: The following text in the *Definition statement*:

Seats or chairs with a repositionable support for a passenger's lower body, including legs and/or feet

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References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Replace: The text “footrest” with “foot rest” in the following row in the *Informative references* table:

Chairs with leg or footrest	A47C 1/034, A47C 7/506
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Replace: The text “vehicles” with “vehicle” in the following row in the *Informative references* table:

Seats for vehicles with leg or foot rest	B60N 2/995, B60N 3/06
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B64D 11/0644

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair with a repositionable passenger upper body extremity support

Insert: The following text in the *Definition statement*:

Seats or chairs with a repositionable passenger upper body extremity support, such as one or both arms

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Replace: The text in the following row in the *Informative references* table:

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Seats for vehicles with arm rest	B60N 2/763
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with

Vehicle seat with adjustable arm rests	B60N 2/763
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B64D 11/0646

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair with particular characteristic of fixed supports for body parts other than the torso

Insert: The following text in the *Definition statement*:

Seats or chairs with particular characteristic of fixed supports for body parts other than the torso

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Replace: The text “headrests” with “head rest” in the following row in the *Informative references* table:

Chairs with headrests	A47C 7/36
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Replace: The text “footrests” with “foot rests” in the following row in the *Informative references* table:

Chairs with leg or footrests	A47C 7/50
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Replace: The text “vehicles” and “foot rest” with “vehicle” and “foot rests” in the following row in the *Informative references* table:

Seats for vehicles with leg or foot rest	B60N 2/995 , B60N 3/06
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Replace: The text “vehicles” and “arm rest” with “vehicle” and “arm rests” in the following row in the *Informative references* table, and the symbol “B60N 2/763” with “B60N 2/75”:

Seats for vehicles with arm rest	B60N 2/763
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Replace: The original text “Seats for vehicles with headrest” in the following row in the *Informative references* table with:

Seats for vehicles with fixed head rest	B60N 2/803
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B64D 11/0648

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Chair understructure or substructure lacking design for impact

Insert: The following text in the *Definition statement*:

Seat or chair frames, understructure or substructure between seat pan and fastening means to a floor

B64D 11/0649

Definition statement

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Delete: The following *Definition statement* text and bullets:

Chair design or materials minimizing mass

- Design lacking a frame, e.g., back plate
- Materials such as carbon fibers, aluminum, composites, etc.
- Pneumatic elements
- One piece design, i.e., integral back and bottom
- Hollow pieces, e.g., tubular frame members

Insert: The following statement and bullets in the *Definition statement*:

Seat or chair design or components therefore minimizing the weight

- Designs without a frame, e.g. using a back plate
- Use of materials such as plastic, aluminum, composites, etc. with the objective task to reduce weight
- Pneumatic elements
- One piece design, i.e. integral back and bottom
- Hollow pieces, e.g. tubular frame members

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B64D 11/0696

Definition statement

This place covers:

Delete: The following *Definition statement* text:

Structure to attach the chair to the passenger cabin walking surface

Insert: The following text in the *Definition statement*:

Seat-side structures to attach a seat or chair to receiving means of a cabin floor

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Insert: The following new row in the *Informative references* table:

Floors specially adapted for fixing freight	B64C 1/20
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B64D11/0605	Definition statement	Chair unit combined with a generally horizontal surface above a floor and can include storage space	Replace with the following text: Seat or chair units combined with a generally horizontal surface above a floor and can include storage space
B64D11/0605	Informative references	Arrangements or adaptations of trays as passenger fittings for vehicles	Replace with the following text: Arrangements or adaptations of other passenger fittings, of table or tray
B64D11/0606	Definition statement	Chair combined with obstructions to other passengers	Replace with the following text: Seat or chair units combined with visual obstructions to other passengers
B64D11/0611	Definition statement	Chair combined with structure to steady an upright person	Replace with the following text: Seats or chairs combined with a structure to steady an upright person
B64D11/0612	Definition statement	Chair modified for pre-adult passenger	Replace with the following text: Seat or chair modifications or accessories for accommodating a pre-adult aircraft passenger
B64D11/06205	Definition statement	Chair combined with a device to hold a passenger in place including an inflatable confining device	Replace with the following text: Seats or chairs combined with a device to hold a passenger in place including an inflatable confining device
B64D11/0624	Definition statement	Chair combined with a configuration of mated conductors used to transmit sound, images, or current	Replace with the following text: Seats or chairs combined with a configuration of mated conductors used to transmit sound, images, or current
B64D11/0639	Definition statement	Chair having structure permitting repositioning chair portions or altering the chair configuration	Replace with the following text: Seats or chairs having structures permitting repositioning seat or chair portions or altering the configuration
B64D11/0639	Informative references	Seat or part thereof being movable, e.g. adjustable B60N 2/02	Replace text with the following: Vehicle seat or part thereof being movable, e.g. adjustable

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B64D11/06395	Definition statement	Configuration of powered devices to reposition or alter a chair or chair portion	<u>Replace with the following text:</u> Arrangement of powered devices to reposition or alter a seat portion
B64D11/06395	Informative references	Seat or part thereof being movable, e.g. adjustable via electric motor B60N 2/0232	<u>Replace text with the following:</u> Vehicle seat or part thereof being movable or adjustable via an electric motor
B64D11/064	Definition statement	Chair tilt or chair configuration	<u>Replace with the following text:</u> Seat or chair tilt or position configuration
B64D11/0647	Definition statement	Chair with particular characteristic of a soft covering or padding	<u>Replace with the following text:</u> Seats or chairs with particular characteristic of a soft covering or padding
B64D11/0691	Definition statement	Chair designed to be deployed during take-off and landing and stowed during flight <ul style="list-style-type: none"> • Foldable seats on a wall or bulkhead specifically for a purser or flight attendant 	<u>Replace with the following text:</u> Seats or chairs designed to be deployed during take-off and landing and stowed during flight, e.g. foldable seats on a wall or bulkhead specifically for a purser or flight attendant
B64D11/0693	Definition statement	Chair with accommodations for transverse adjustments	<u>Replace with the following text:</u> Seats or chairs with means for transverse adjustment, e.g. to accommodate an additional person
B64D11/0697	Definition statement	Structure to attach a chair to the passenger cabin overhead surface	<u>Replace with the following text:</u> Structure to attach seats or chairs to the passenger cabin overhead surface
B64D11/0698	Definition statement	Structure to attach a chair to the passenger cabin side or generally vertical surface <ul style="list-style-type: none"> • Hammock type seats • Seats used in troop transport aircraft 	<u>Replace statement with the following text:</u> Structure to attach seats or chairs to the passenger cabin side or generally vertical surface <ul style="list-style-type: none"> • Hammock type seats • Seats used in troop transport aircraft

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.